



NORTH COAST RESOURCE PARTNERSHIP

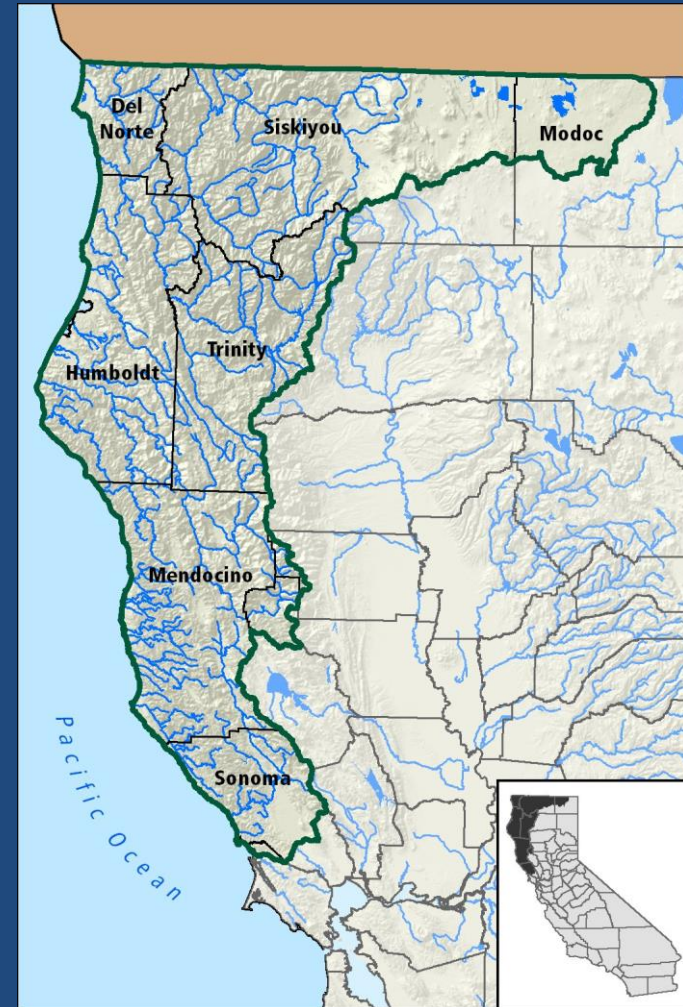
North Coast Resource Partnership

(North Coast Integrated Regional Water
Management Plan)

- Jake Mackenzie, City of Rohnert Park Council Member
Chair, NCRP Policy Review Panel
- Judy Morris, Trinity County Supervisor
Vice Chair, NCRP Policy Review Panel

NCRP / NCIRWM History

- Initiated in 2004
- Regional boundary established
- Policy Review Panel and Technical Peer Review Committee Convened
- Memorandum of Mutual Understandings (MoMU)
- MoMU revised in 2010 to include Tribal Representation
- Regional Contract Administration established
- Stakeholder Engagement
- Plan Development and Adoption



Governance & Technical Review

Policy Review Panel

Decision-making by local elected officials & Tribal members

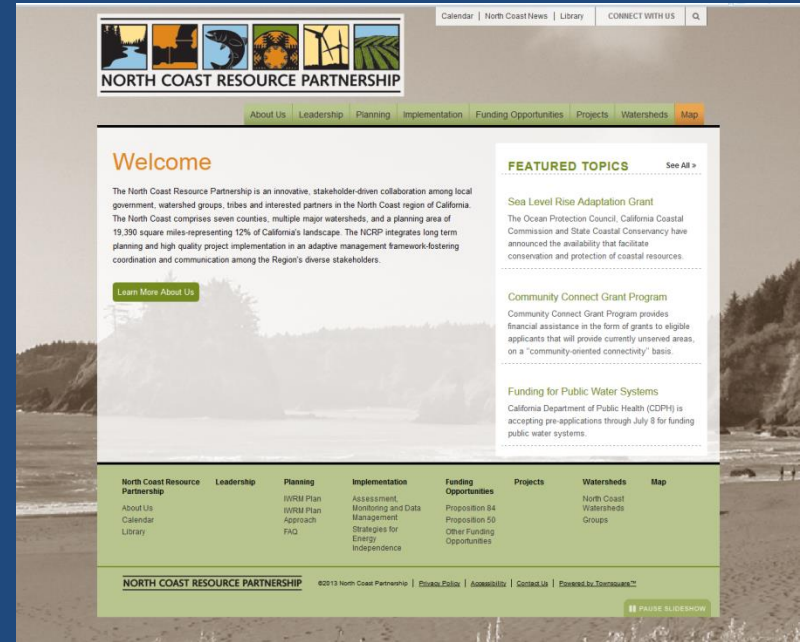
Technical Peer Review Committee

- Advise on technical issues, recommend projects for funding, review planning documents
- All meetings are open and welcoming to the public and invite stakeholder input
- Emphasis on transparent decision-making, regional equity, collaboration, and fairness



Stakeholder Involvement

- Emphasis on stakeholder outreach and participation by all: agencies, municipalities, NGOs, RCDs, Tribal governments and groups, private businesses, landowner organizations
- NCRP website - a tool for information exchange
- Workshops and meetings throughout region
- Technical support for project proponents



NCRP Goals & Objectives

- INTRAREGIONAL COOPERATION & ADAPTIVE MANAGEMENT
 - Respect local autonomy and local knowledge
- ECONOMIC VITALITY
 - Enhance the economic vitality of disadvantaged communities, working landscapes and natural areas
- ECOSYSTEM CONSERVATION AND ENHANCEMENT
 - Enhance watersheds, ecosystems & salmonid populations
- BENEFICIAL USES OF WATER
 - Improve drinking water quality & water supply reliability with a focus on economically disadvantaged communities
 - Protect groundwater resources
- CLIMATE ADAPTATION & ENERGY INDEPENDENCE
 - Promote local energy independence, water/ energy use efficiency, GHG emission reduction, and jobs creation
- PUBLIC SAFETY: flood protection and reduced flood risk

Funding Awards

Planning Grants (\$3 million total)

- DWR, Proposition 50 - \$500,000
- DWR, Proposition 84 - \$1 M awarded
- Directed DWR funding - \$500,000 : capacity building support & technical assistance to small water and wastewater service providers in disadvantaged communities
- Strategic Growth Council, Sustainable Communities - \$1 M

Project Implementation Grants (>\$43 million)

- SWRCB, Proposition 50 IRWM, Round 1 - \$24.7 M
- DWR, Proposition 50 IRWM, Round 2, & Supplemental - \$4.3 M
- DWR, Proposition 84 IRWM, Round 1 & 2 - \$13.5 M
- California Energy Commission - <\$1 M
- **Leveraging >\$65 million in matching funds**

SWRCB, Proposition 50 IRWM, Round 1 Implementation Projects

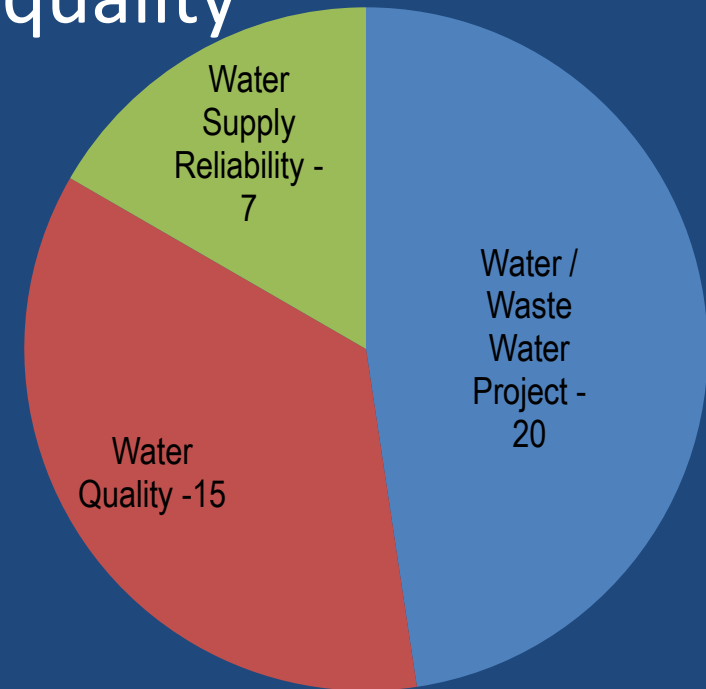
- Total number of projects = 21
- Projects serving economically disadvantaged communities = 14
- SWRCB, Proposition 50 IRWM, Round 1 = \$23.2 M
- Funding Match = \$ 25.8 M
- Total IRWM project cost: \$49 M
- Total project cost: \$110.8 M
(spent locally using local labor, supplies and services)



SWRCB, Proposition 50 IRWM, Round 1

Implementation Projects: Project Type

- 20 water/wastewater infrastructure projects (95%)
- 15 water quality improvement projects (71%) – these include both instream water quality improvement & drinking water quality improvement projects
- 7 water supply reliability projects (33%)
- Total number of projects = 21



Benefits: Water Supply

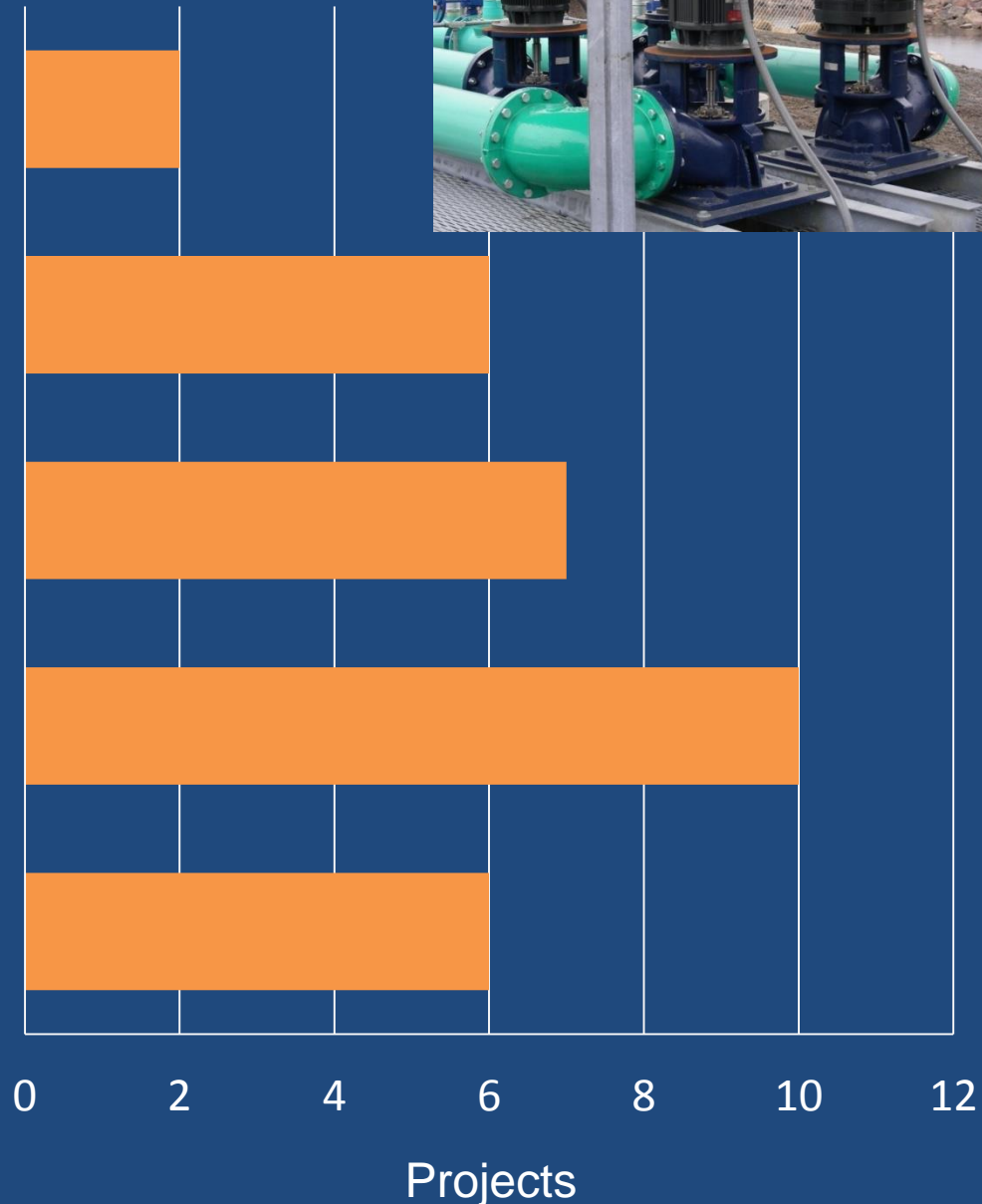
Avoided lost revenue/ revenue
from new connections

Avoided costs
(benefit = \$3,557,719)

Avoided water supply purchases
and projects
(benefit = \$5,335,244)

Improved water management
(benefit = \$118,449)

Increased instream flow
(671,919 gallons per day;
benefit = \$3,893,210/year)



Benefits: Water Quality

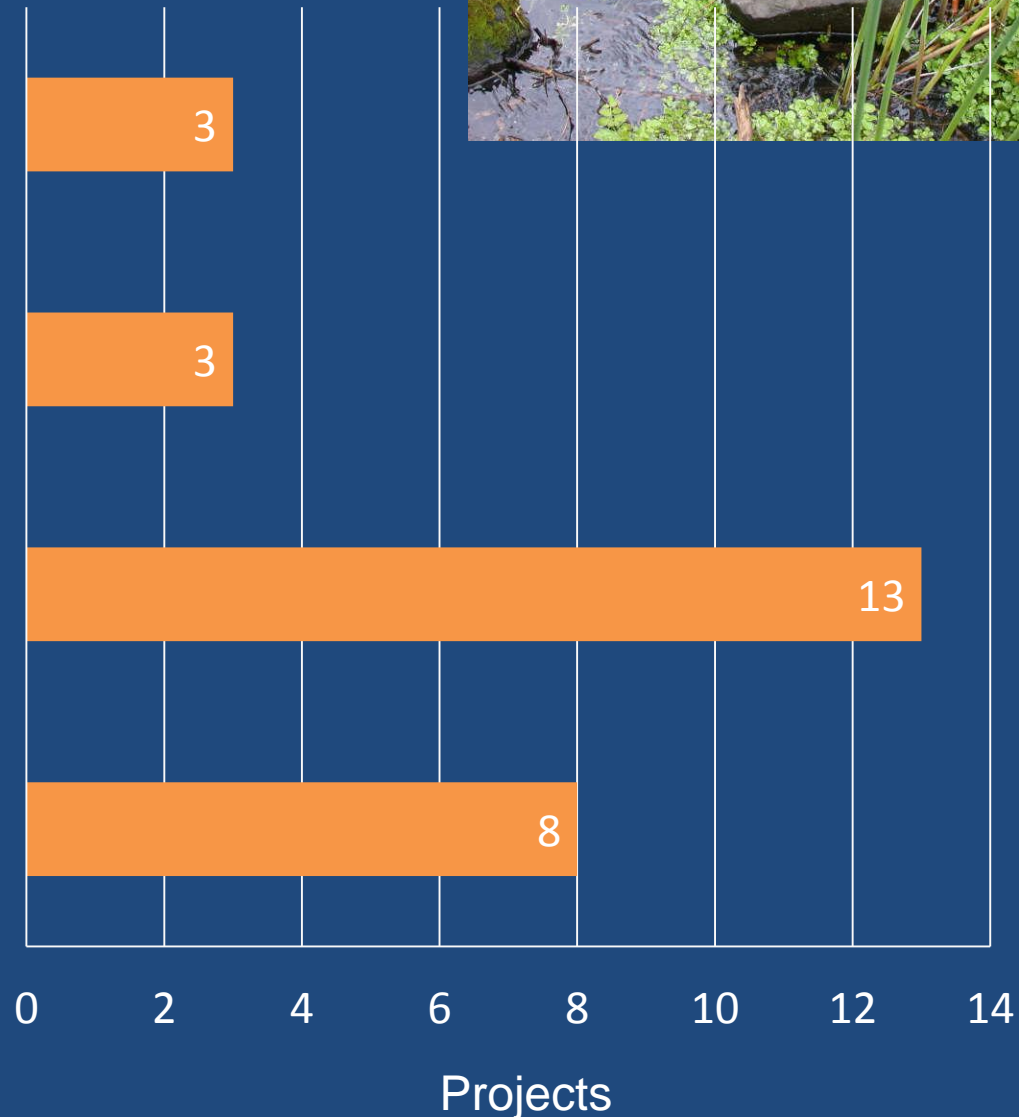


Avoided water treatment costs
(benefit = \$172,155)

Avoided fines
(benefit = \$60,000)

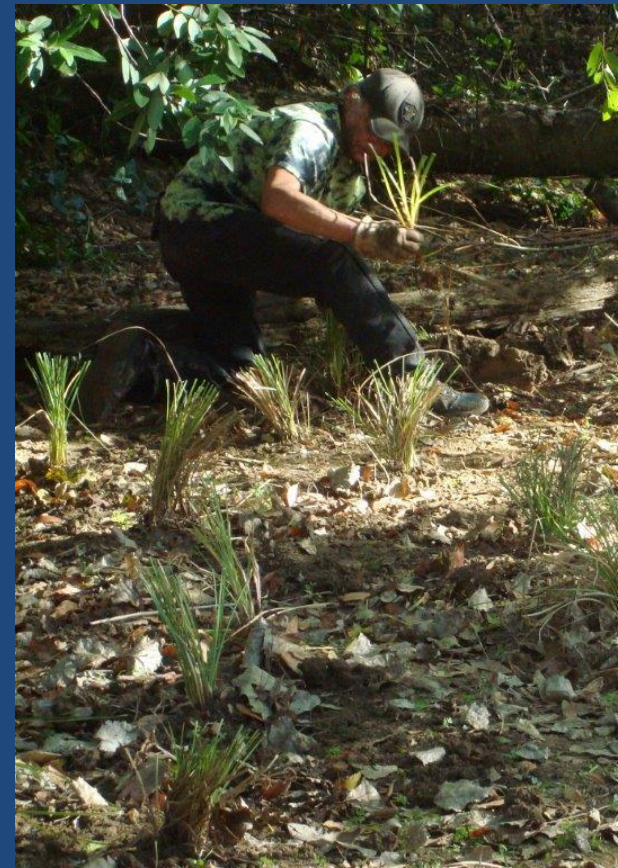
Contribution toward TMDL attainment
(benefit = \$36,127,930)

Sediment reduction
(benefit = \$3,150,217)



Benefits: Salmonid Habitat & Ecosystem Services

- 14 projects (67%) protect or enhance North Coast coho, Chinook, steelhead fisheries
- 7 projects improve fish passage by opening 153 miles of instream habitat for spawning/rearing
- 6 habitat restoration projects:
 - Install 40,337 native trees, shrubs, grasses
 - Restore 332 riparian/wetland habitat acres
 - Restore/ enhance 14.5 miles of riparian habitat (benefit = \$601,716)
- 2 projects (214 acres) include invasive non-native plant removal (benefit = \$24,000)
- 4 projects reduce flood damage (benefit = \$160,000)



Benefits: Community and Social

Environmental Justice/ Social
Equity



Social Health & Safety
(< fire fighting benefit = \$655,639)



Conflict Reduction



Education/ Technology



Ag & Resource Dependent Heritage
Preservation



- 355 jobs maintained / created
- All projects used local labor and supplies when possible



Project Collective Totals & Economic Benefits

- Economic Benefits captured from all Metrics: \$104.7 million
- Many benefits cannot be quantified or monetized

NCRP Projects Snapshot:

- 21 projects totaling \$49 M in cost
- NCRP Prop 50 IRWM: \$23.2 million
- Despite gross underestimation and data gaps in some metric categories total economic benefit:
 - > 4x return on invested grant funds
 - > 2x project cost



Multiple Benefits

win:win:win:win:win

- Fish passage and habitat enhancements
- Water quality & supply improvements
- Avoided project & other costs
- Water & energy conservation
- Local jobs/economic development
- Regulatory relief



Resources

Website: www.northcoastirwmp.net

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